“Securing the Industrial Internet of Things – a ‘Defense in Depth Strategy’ for Manufacturers”

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Abstract: With more manufacturers considering the implementation of IIoT technologies for monitoring and predictive maintenance purposes, the desire to connect production machinery to the internet is growing. Thus, the likelihood of a cyber-attack on the control system of a manufacturer’s revenue-generating equipment drastically increases, and it is important to address the topic of cybersecurity prior to any IIoT-related project or Proof-of-Concept (PoC). This presentation will demonstrate Siemens’ “Defense-in-Depth” network security strategy by creating multiple independent security layers, as well as highlight a successful deployment of this strategy at one of our U.S. manufacturing facilities.